



# ALL-TECH SMOKER IS HELD TONIGHT

## T. C. A. GETS ONLY \$1600 IN FIRST 3 DAYS OF ITS DRIVE

Goal Is \$3100 With Today As Last Day of Drive, But Will Take Gifts After

### HOLD NO HOPE FOR GOAL

Similar College Organizations Received Much Larger Contributions

On the eve of the last 24 hours of the T. C. A. drive little more than half the quota of \$3,100 had been subscribed, it was stated at the offices of the Association last night. Only \$1,601.50 has been contributed from the beginning of the drive till 6 o'clock last night.

Yesterday's total was \$110.50, compared with \$324.30 on Wednesday and \$566.27 Tuesday. Efforts will be made today to bring the total to as high a figure as possible, but little hope was held last night by officers of the organization that the total would be reached.

Mr. Wallace M. Ross, Secretary of the Association stated that the drive would not be extended, but that contributions will continue to be accepted in both offices, both from those donors who wished to enlarge their gifts and those students who have not contributed anything. There will also be some solicitation carried on by members of the T. C. A.

When asked for a statement, John W. Chamberlain '28, president of the organization, said, "The service that the T. C. A. can render to the student body is limited by and directly proportional to the amount of money that the student body gives to it."

One of the larger contributions was a \$10 gift from a Senior who had secured a job through the Employment Bureau of the T. C. A. This has turned out to be a very good permanent position. On the other hand, men who had money due them from the book exchange were notified of the fact, and in 24 hours these students collected \$200. Four dollars of this was left as contributions to the drive.

A comparison of the amounts raised at other colleges by similar organizations should be of interest. At Yale the student body gave \$26,000 in the drive of their association. The 2300 students at Princeton raised \$17,000, and the comparatively small student body at Mt. Holyoke \$7,700. In three days the 2672 students at Technology have raised \$1,601.50 in a four-day drive for \$3,100.

### DR. ARRHENIUS, NOTED SCIENTIST, IS DEAD

Mourning crepe draped around his photograph in the first floor hall of Building 4 tells the Technology student body of the death of Dr. Svante Arrhenius, noted Swedish chemist and scientist. After serving for many years as professor of chemistry at the University of Stockholm, Dr. Arrhenius died last Saturday at the age of 68. He is perhaps best known for his development of the theory of electrolytic dissociation, and as winner of the Nobel prize for 1903.

### Uncle Horace Reaps \$770 In Late Fines

A harvest of 770 golden dollars has been reaped by Uncle Horace in the form of fines for late registration, it was announced at the Bursar's office.

In spite of printed warnings sent to all students, giving the deadlines for each step in the registration procedure, men continue to be tardy in following the directions.

Some men who were prompt in turning in their registration cards, and also in paying their fees, were fined because they neglected to get their class books "before 4 p. m. Monday, Sept. 26, 1927." And five dollars will buy the best seat at any show in town!

### Program of Events Scheduled for Smoker in Walker Memorial Tonight

6:15 Dinner for freshmen and transfers.  
7:00 Speakers on Activities.  
Ralph T. Jope '28. Student Government.  
Dr. John A. Rockwell '96. Athletics.  
Professor A. T. Robinson. Publications.  
Professor Robert E. Rogers. Tech Show and Musical Clubs.  
7:30 Recess to visit Activities Offices.  
7:30 Exhibition of Sports in Gym.  
Program in Main Hall for Entire Student Body.  
8:20 Magician's Act by L. J. O'Malley '28.  
8:30 Presentation of the Key of Walker Memorial by Professor Samuel C. Prescott '94 and acceptance of the Key by Ralph Jope '28 for the Undergraduates.  
8:40 Presentation of the Schwartz Medal by John O. Holden '24.  
8:45 Presentation of the Technique Cup by Willard J. Slagle '28.  
8:50 Comedy Numbers by the Glee Club.  
9:00 Movietone Pictures. Courtesy of the Fox-Case Corporation.  
9:40 Songs led by Stephen W. Townsend and O. B. Denison '11.  
10:00 Cabaret Acts.  
10:50 Raffle.

### FRENCH SCIENTIST VISITS INSTITUTE

#### Gets New Idea in Co-operative System—Interested In Organization

M. I. T. received a visit Wednesday morning from Rene Etinne, Professor a l'Ecole Superieure des Mines, Directeur Delegue de la Gerance de la Societe Solvay Cie. He went through the Chemical and Physical research departments and seemed especially interested in the Fuel and Gas laboratories.

Organization was his chief concern, the Institute's co-operative system, in particular, being an entirely new idea to him. The reluctance of French industries to admit outsiders permits no such scheme in the education of their engineers, and his natural inquiry was met with full explanation and the information that it had been in very successful operation here for eight years.

L'Ecole des Mines is the equivalent in English of Bureau of Mines. The Solvay Institute is that founded by the famous French scientist, and which meets this month in Brussels.

M. Etienne came to the Institute from Columbia University at New York City and left to visit the U. S. Bureau of Standards at Washington. He is on a tour of inspection of American laboratories and plants which will consume approximately four weeks and take him at least as far west as Pittsburgh, and to California if possible.

### DIRECTORY PROOFS TO BE READY SOON

It has been announced by the Registrar that the proofs of the directory will be ready in a short while. The proofs will be hung up for correction in a week or two and then the final directory will be completed about the last week of November.

A great deal of work is entailed in the making of the directory and this requires much effort on the part of the Registrar and his assistants. The directory contains a complete record of all the students in the Institute and of all the faculty members.

Although no definite date has been decided upon for the appearance of the proofs they will probably be ready in a week or two. It is very important that the directory be correctly made and all students are urged to look at the proofs and to see that their names are written correctly.

### Elect Archibald A Member of A.A. Executive Body

#### Philip Hendricks '30 Is Made Supervising Manager Of Football

Arnold A. Archibald '28 was elected member at large of the Executive Committee of the M. I. T. A. A. at the recent meeting of that body. It is customary at the opening of each school year to elect a member at large to this committee, to enlarge it to five members. The other four are the executive officers of the organization. Last year Archibald was manager of wrestling, a position which he had competed for during his previous years at Technology.

At this meeting, the Committee appointed as supervising manager of this year's Field Day football teams, C. Philip Hendricks '30. Last year, Hendricks managed the freshman football team, but owing to this appointment will not be able to do so this year. All Sophomores interested in the management of the class team should see Hendricks in the Track House some night as soon as possible at 5 o'clock. The position of manager of the class football team leads to that of supervising manager next year.

It was recommended by the body that Ernest C. Hinck '27, captain of last year's Varsity Tennis Team should receive a straight "T" in recognition of his work in that sport. Final decision on the award rests with the Advisory Council on Athletics. Hinck has previously won straight "T's" as a member of the Varsity Basketball Team, of which he was captain last year.

### THE TECH Invites New Men to Visit Offices

Immediately following the dinner tonight for all freshmen and transfer students both the news room and the business office of THE TECH will be open for the inspection of prospective candidates.

Many more men are needed in all departments of the paper and members of the staff will be present in both offices during the inspection period to explain any details to the new men. No experience is needed to enter the competition in any department.

## ENTIRE STUDENT BODY WILL ASSEMBLE IN WALKER AFTER BANQUET HONORING NEW MEN

### FACULTY CLUB TO MEET OCTOBER 19

On the 19th of October the regular meeting of the faculty will be held in Room 10-250. Although the program for the meeting has not yet been made up, several things of importance are to be discussed and decided upon at this time.

The beginning of a new school year at the Institute always brings up certain problems which must be answered by the faculty. These problems, along with new plans for the school year, are to be considered at the faculty meeting on that day.

### Experts Address Chemical Society On Dyes and Diet

#### Joint Open Meeting of A. C. S. And Student Chemists To Be Held Friday

With the co-operation of the Student Chemical Society, the Northeastern section of the American Chemical Society will meet for the first time this season next Friday evening at an open session in the Main Hall, Walker. At this time Doctor Robert E. Rose, Director of Technical Laboratories for the DuPont Company and Dr. Donald Macomber, Boston physician, will speak on subjects of general chemical interest.

The meeting will open at 8 o'clock, when Dr. Robert E. Rose, organic chemical expert with the DuPont Company will speak on "The Colored Windows of the Chemical Industry," discussing developments in the more remote fields of organic chemistry with particular relation to the chemistry of dyes.

The usual dinner preceding the meeting will be held in the North Hall, Walker, at 6:30. Members of the Student Chemical Society who wish to attend this dinner should make reservations with the Secretary, Dr. Avery Morton, Room 8-434 before Wednesday. Immediately following the dinner Professor Segerblom of Phillips Exeter Academy will give a short talk on the A. C. S. Institute of Chemistry recently held at State College, Pennsylvania.

### NEW CLASS STARTED FOR DORM FRESHMEN

#### Vocal Instructions And Bath Given to New Men

Rumors that the Institute Dormitories had been razed, exploded, and washed away were proved unfounded by a reporter of THE TECH late last night. In following up these rumors he found out that a particularly quiet instructive evening was being enjoyed at the dormitories devoted to the instruction of the freshman inhabitants in true Technology spirit.

As the first step in the right direction the freshmen were herded into a group in front of Runkle and ordered to fill the air with the strains of Institute songs. Willingly they attempted to obey the edict. Their ardor was dampened, however, by a curtain of water that fell from the general direction of the roof, and freshmen fled in all directions, only to come back for a hand-to-hand encounter with the Sophomores and a few Upperclassmen who had taken it upon themselves to be instructors in the evening's course of education.

This melee had not been long in progress when artillery was put into use, and flashes of fire lit the scene as giant firecrackers were set off in air. For variety, the freshmen then gave vent to a cheer in their soprano voices, following it with a serenade of President Stratton's home with the Stein Song. At the time of going to press the Black Maria of the Cambridge police had not yet called.

### POSTPONE DINNER FOR NEW STUDENTS TILL 6.15 O'CLOCK

Dr. Rockwell, and Professors Rogers and Robinson Will Speak

#### SPORTS WILL BE IN GYM

All undergraduates of Technology will gather together in the Main Dining Hall of Walker for the All-Technology Smoker tonight. This is practically the only event of the year where such an assembly of the student body occurs.

Dinner for all freshmen and new transfers has been postponed from 6 to 6:15 o'clock due to the fact that the management of the Dining Service force needs a short time after the time that the dormitory men have finished their supper to make the room ready for the smoker.

As the first of the after dinner speakers, Ralph T. Jope '28, president of the Senior Class, will address the new men on the subject of the student government of Technology. Jope was vice-president of his class last year, and became president at mid-terms owing to the resignation of the president, Edward D. Chute.

Following that, Dr. John A. Rockwell '96 will give a talk on Institute athletics and their value. Dr. Rockwell is president of the Advisory Council on Athletics, and as such has long had an active interest in sports at M. I. T.

As speaker on behalf of the publications, the Smoker Committee has obtained (Continued on Page 4)

### LOST ARTICLES FIND WAY TO MAJOR SMITH

#### Owners Claim Ninety Percent Of All Objects Turned In

Articles ranging from a Tau Epsilon pin and numerous gold watches to ancient fountain pens and even a straw hat spend a sojourn of varied length in the office of the Superintendent of Buildings. The valuable articles almost always are recovered the day after they are lost and it is only the less valuable possessions that remain in the office for any length of time. About once a year all the stuff is cleared out. The books are given to the T. C. A., which disposes of them to the student body. The clothing, which is ordinarily of very little value, is given or thrown away.

About 4000 articles a year are turned in. Of this number 90 percent are returned to their rightful owners. The other 10 percent could be returned if the men would follow Major Smith's advice, which is to mark everything with the owner's name. In case a lost article is marked the owner will receive a postal card the next morning notifying him that the article has been found.

### TECHNIQUE ISSUES CALL FOR NEW MEN

Technique has scheduled a meeting for Monday, October 10, at 5:15 o'clock in the Technique office, Walker, to receive freshman candidates for the staff. The members of the board will give short introductory talks explaining the type of work involved in each department and enabling the candidate to choose the one most to his liking. Men are welcome in all departments.

#### CALENDAR

Friday, October 7  
6:15—Free supper for all freshmen and transfers. Main Hall; Walker Memorial.  
7:30—All-Technology Smoker, Main Hall, Walker Memorial.



# WRESTLERS EXPECT WINNING SEASON

## SOPH FOOTBALL MEN PRACTICE SIGNALS

Steele and Riley Average 45 Yards In Punting

With about fifteen or twenty men in uniform reporting for practice, the Sophomore eleven went through a light scrimmage and signal practice last Wednesday afternoon on Tech Field. This workout was by far the most satisfactory one of the season. Previous to the regular practice session, Steele and Riley got off a number of good punts, averaging about forty-five yards, in between gusts of wind.

After sufficient men had come onto the field, the backfield and line candidates were separated, the former running through formations while the latter men were divided into two groups for scrimmage, with one man carrying the ball alternately for each group. Each group of linemen showed considerably better on the offensive than on the defense. Practice today will probably include tackling and blocking practice, to remedy this fault.

To date, the number of men who have indicated their intention to come out for the team is quite large, but the number that actually reports in uniform for practice on any one afternoon is usually insufficient to allow of anything but signal practice. It is highly improbable, from present indications, that any of the self-styled saviors of the class of 1930 who are due to report for their first practice about a week before Field Day will get into the big game at all. Coach Parks and Captain Byrne have appealed to all those interested in trying out for the team to come out at once and stay out.

Practice today will start at three o'clock. Men having difficulty in obtaining a uniform are asked to confer with either Parks or Byrne. Announcement will be made this afternoon as to whether there will be a practice session tomorrow.

## Squad Appears Strong And Well Balanced In Spite of Lack of Veteran Material

Five of the veterans of last year's wrestling team are lost through graduation, yet prospects are good and a better record than last year is probable. Although Capt. Jimmy Cullen, who has starred for the past two years in the 115 pound class, is the sole survivor and Franks, Staebner, Harris, Rabinovitz, and Johnson are among the missing, the replacements are strong and a good team should result.

### As The Prophet Sees Tomorrow's Football

Harvard, 17	Purdue, 12
Colby, 7	B. U., 0
Dartmouth, 47	Hobart, 0
Holy Cross, 21	Dayton, 0
Brown, 10	Penn, 6
Yale, 27	Georgia, 7

## TUG OF WAR MEN TO REPORT TODAY

Carl J. Bernhardt '28 appointed Supervising Manager Of Hemp Teams

Tug of war, the last of the Field Day sports to see action, will get organized with a meeting of candidates of both the freshmen and Sophomores this afternoon at 5 o'clock, in back of the track house.

Carl J. Bernhardt '28 has been appointed Supervising Manager of Tug of War at a recent meeting of the M. I. T. A. A. Bernhardt has been connected with the hemp pulling sport for the past three years, having pulled on the '28 team during his first two years and last year took up the reins as Coach of last year's freshman team.

Due to the late start, Manager Bernhardt will endeavor to provide facilities for practice this afternoon, as there remains less than a month in which to prepare for the big occasion. Coaches have not yet been provided for this year's teams and any Junior or Senior willing to assume this duty, are asked to report at the meeting this afternoon.

### FRESHMAN ATHLETICS

Members of the Freshmen Class who wish to substitute athletics for Physical Training Classes must sign up at once in Room 335, Walker Memorial Bldg. These lists close on Wednesday, October 26th, at 12 o'clock.

### YEARLING GRIDSTERS WORKING SMOOTHER

Coach Silva Drills His Team in New Huddle System

As practice goes on Coach Frank Silva's football men begin to work more like a team. Marked advance shows in the way the looseness seems to have gone out the team play. Although the small number of men is very noticeable the yearling practice is beginning to be more interesting to watch.

Wednesday's practice saw the men working hard on their offensive play. Starting all the plays from the huddle the team ran off their formations with a snap and precision that has been lacking in their play until this time. Defensive play and tackling practice have not yet begun to be emphasized.

A new type of huddle is being taught to the men and they are working hard in the time that used to be given over to signal practice to perfect its smoothness. This way of running the huddle is a new wrinkle in play and was used last season by many big college teams. Coach Silva hopes it will prove as good a distance maker for the Frosh as for these teams.

Considerable change has been made in the lineup. Champlain the biggest man on the team has been moved over to tackle from center. Boynton, who played on last year's Frosh team and had to be operated on for appendicitis after Field Day is back and looks good as guard. Some of the better backfield men are Ford, MacMinn, Valdee and Grondal. All four are experienced men.

Contrary to the coach's expectations the number of candidates is steadily growing smaller instead of greater. When the practice began nearly men enough for two teams were showing up. Since then the squad has gradually thinned out until at Wednesday's practice just eleven men turned out. If better support does not develop the coach is going to have trouble in getting a good team ready for the first game.

### WHY WAIT FOR SUNDAY MORNING?

## The Boston TRANSCRIPT Sports Extra

BASEBALL AND FOOTBALL SATURDAY, OCTOBER 8

is on sale at the newsstands in your town the same evening the games are played.

DETAIL ACCOUNT OF THE WORLD SERIES GAME BETWEEN THE NEW YORK YANKEES AND THE PITTSBURG PIRATES

### FOOTBALL NEWS

Play by Play Accounts of the Harvard—Purdue Dartmouth—Allegheny Tufts—Bates Holy Cross—Dayton Games

Stories and Scores of the Boston Uni.—Colby Yale—Georgia Princeton—Lehigh Brown—Penn. Games

THE ONLY COMPLETE AFTER-THE-GAME EXTRA PUBLISHED IN BOSTON

## Regulars Clash With Ineligibles In Soccer Tryout

Final Varsity Positions Will Be Decided by Showing in Tomorrow's Game

Competition for places on the soccer team is getting keener every day. Coach Welch has scheduled a practice game between the varsity and ineligibles for tomorrow afternoon at 2:30 on the Coop field. This game promises to be fast and very interesting. Everyone who turns out will get a chance to play, and many of the positions on the varsity are going to be decided after the game. Those who do not turn out will lose chances for making the varsity.

Ineligibles have developed a fast and snappy team. They have been out practicing every night for the past week and look as if they might hand the varsity a drubbing. Their passing and formations are equally as good as the regular's squad if not better.

Only a week remains until the squad opens its season against Northeastern. Coach Welch thinks that Technology's soccer team ought to hand them a beating because the team has the best material and spirit that it has had in some time. Capt. Sparre is of the opinion and is doing much to keep the spirit of the team up.

After the game with the ineligibles, the positions on the varsity are going to be decided. Capt. Sparre and one or two others are sure of positions, but the remainder of the positions are going to be filled by those who make the best showing tomorrow, regardless of their previous showing.

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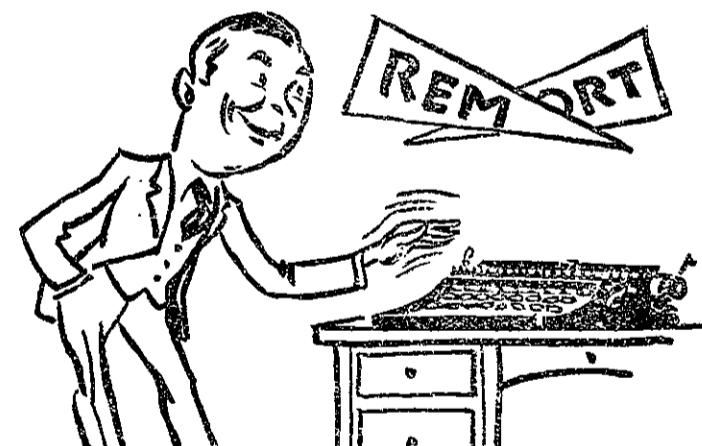
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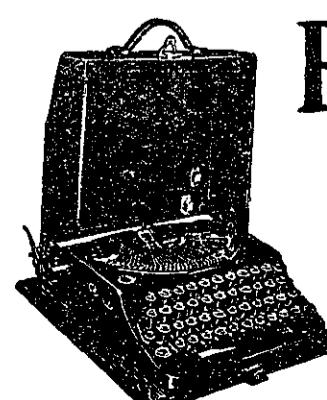
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Harvard Co-Operative Society, Inc. Technology Branch 76 Massachusetts Avenue Cambridge, Mass.

## TALKING PICTURE APPARATUS SET UP IN WALKER BOOTH

Truckload of Machinery Is Necessary For Tonight's Movietone Show

### USES HUGE AMPLIFIERS

A famous scientist remarked recently at a premier demonstration of the Talking Movies that without doubt the development of simultaneous visible action and audible words was one of the most important inventions of the age and surely of the past quarter century. It seems that in years to come, if present indications are an index of the future, the truth of the prediction may faithfully be borne out.

In connection with the development of the Talking Movies, Technology has played an important role, and it so happens that she should be the first institution in the world to have talking pictures called the Movietone taken of her activities, and the first one to have a demonstration of this invention. In fact, Technology has participated in the only public demonstration that has so far been given with the Movietone by courtesy of the Fox Case Corporation of New York. This was at the New York All-Technology Convention last June.

The film employed for projection is of standard size but the picture is smaller to allow space on the left hand side of the celluloid for voice recording. The strip is an eighth of an inch wide varying darker or lighter in accordance with the variations in intensity of the sound waves.

Projection for the picture is exactly the same as for ordinary films. The voice strip is run in conjunction with a beam of light from a photoelectric cell which shines through the side of the film which is run at a constant speed of ninety feet per second. The variable density of the voice record varies the amount of light reaching the cell causing variations through the cell. This current is thus modulated in accordance with the sound waves of the original voice.

The modulated electric current is fed into the amplifiers which increase the intensity of the current several million times. This current is led into a loud speaker and is electrically transformed into sound, reproducing music or voice at the same instant the actors and scenes are depicted on the screen.

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### Gendarme Attempts To Disband Soccer Practise

Technology students have been thrown out of and off of many places, but Wednesday evening they came out on the long end of the argument when one of Cambridge's blue-coats attempted to urge the soccer team off of one of the Institute's athletic fields in back of the Coop. The Cambridge officer of the law appeared on the scene about 4:30 o'clock and proceeded to order Captain F. Dallas Sparre '28 and his team off of the field.

After a few rather impolite remarks from both sides the irate policeman proceeded to the office of the Superintendent of Buildings, where he found that the soccer team had a perfect right to the field at anytime. Returning, he vented his spleen by chasing a few Cambridge urchins who were trying to play on the field at the same time.

## POSTPONE DINNER FOR NEW STUDENTS

**Dr. Rockwell, and Professors Rogers and Robinson Will Speak**

(Continued from Page 1)  
ained Professor Archer T. Robinson of the Department of English. Professor Robinson will, in an impartial way, give the men a general idea of the work done in each of these activities, and what they offer the student as a reward for participation.

Coming as the last of the after dinner speakers, Robert E. Rogers, Professor of English at Technology, will enlighten the new students on the subject of Tech Show. As it was last year, Professor Rogers' talk will probably be largely humorous.

These speeches will all of necessity be rather brief since they will not start until 7 o'clock, so that the men may have a chance to finish their dinner. The arrival of the remainder of the student body at 7:30 will probably put a forced stop to them.

At this time there is a split in the program. Those interested in sports will go upstairs to the gymnasium, where there will be exhibition bouts put on by the Varsity Boxing and Wrestling teams. Other men who would rather inquire further into activities may make a tour of the offices at this time. There will be men in each one to answer any questions they may have.

Following Louis J. O'Malley's "Magical Farce," which will reopen the program in the Main Hall, Samuel C. Prescott '24, president of the Technology Alumni Association, will present the key of Walker Memorial to the student body of Technology. The acceptance address will be made by Ralph Jope. The event is a traditional feature of the Smoker, and gives the men an insight into Technology history, which is naturally included in part in these speeches. This will be followed by the awarding of the Swartz medal for excellence in athletic management, and the presentation of the Technique Cup to last year's high point man in track.

The remainder of the program will be largely informal, consisting of various forms of entertainment, including movies, vaudeville acts, some selections by the Glee Club, and some informal singing by the students which will be led by Orville B. Denison '11 and Steven W. Townsend.

### 700 ALUMNI WILL HEAR MOVIE TONE SATURDAY

Concert Also Includes Several Undergraduate Acts

Tomorrow night at 8 o'clock, about 700 alumni and members of the Institute staff, their families and friends will have the privilege of witnessing in Walker the second showing in Boston of the Movietone Technology Talking Pictures furnished by courtesy of the Fox Case Corporation. Tonight, the undergraduates will have the first opportunity of seeing these talking movies.

Made here last spring for the New York Convention of Technology Clubs Associated, the Movietone will be shown in Boston for the benefit of the local Tech public at the informal Pop Concert tomorrow in its third presentation. At the concert, Tech Show, Musical Clubs and other undergraduate activities are scheduled to present acts and entertaining specialties. No speeches will be made.

#### FRESHMAN PHYSICAL EXAMS

All members of the Freshmen Class who are to take Physical Training in the Gym should sign up at once for the Strength Tests at Room 335, Walker Memorial Building.

## NOTICES

### AERO SOCIETY

Monday and Tuesday the Aero Society will hold its annual membership campaign in the Main Lobby.

The All-Technology Smoker Committee will meet this evening in the East Lounge of Walker Memorial at 5:30 o'clock.

### DRAMATICS

There will be a meeting of those interested in Dramatics Monday at 5 o'clock in the Debating Room in Building Two.

### CREW COMPETITION

All freshmen who wish to enter the crew management competition should report to Manager Thomas at the boathouse this afternoon at 5.

### CREW FRESHMEN

Freshmen, sign up for crew in place of P. T. before Oct. 26th in Room 335, Walker.

### WRESTLING MANAGER COMPETITION

Sophomores and freshmen are needed by the wrestling management. Kindly leave your name and address on the wrestling desk in the A. A. office, Walker.

### TENNIS MANAGER COMPETITION

Freshman and Sophomore candidates who desire to enter competition for the position of Tennis Manager should report to the A. A. office any afternoon after 4 o'clock.

**Prof:** "Now, gentlemen, in this course you will need Higgins' General Black Drawing Ink, Higgins' Waterproof Black Drawing Ink, Higgins' Waterproof Colored Drawing Inks, Higgins' Drawing Board Paste, etc., etc."



Higgins' Drawing Inks — Blacks, White and Brilliant Colors.



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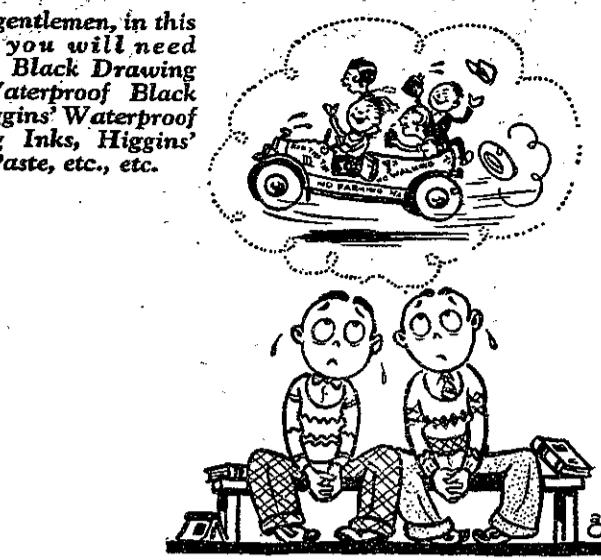
Higgins' Office Paste. Of great adhesive power. In jars and handy tubes.



Higgins' Drawing Board and Library Paste. For fastening drawing paper to drawing board, mounting maps, clippings, specimens, etc.



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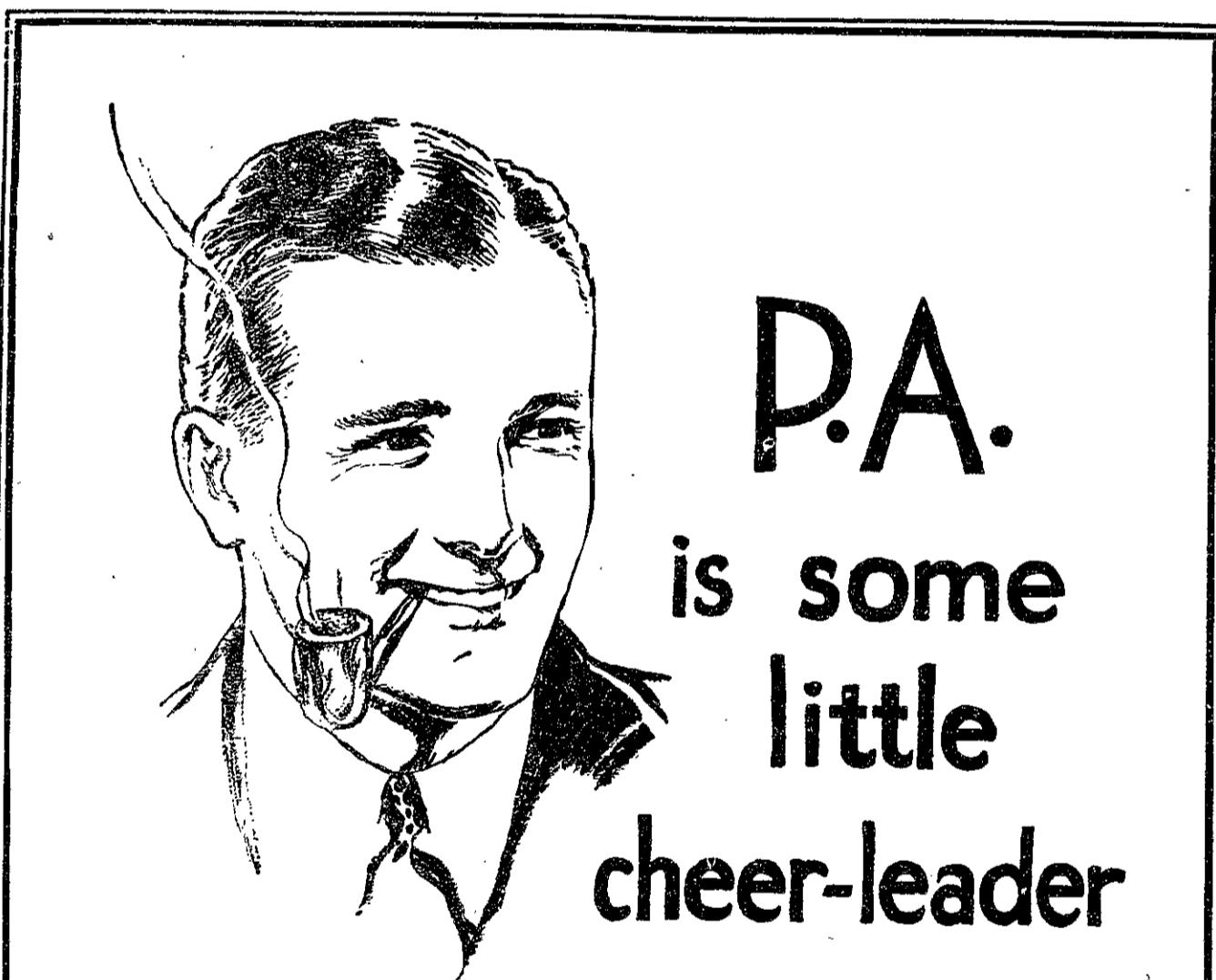
VISIONS of joy rides may go glimmering with announcements such as this, but never give up hope—Higgins' Products will give you a carefree time of it at the time that counts most, when the record of your semester's work is figured up.

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Ad No 1



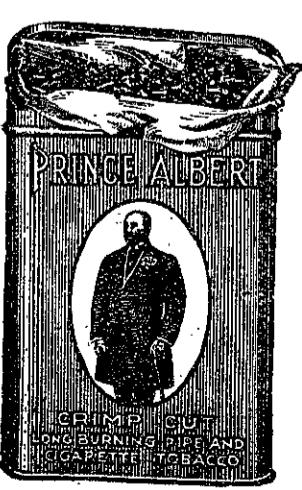
EVERY pipe is a Sunny Jimmy-pipe when it's packed with P.A. The tidy red tin chases the blues—and how! Why, you feel better the instant you open the tin and get that marvelous P.A. aroma. Every chore becomes a cheer, and you're sitting on top of the world.

Then you load up and light up. That taste—that never-to-be-forgotten, can't-get-too-much-of-it taste! Cool as a cut-in from the stag-line. Sweet as retaliation. Mild and mellow and long-burning, with a balanced body that

satisfies, right to the bottom of the bowl.

You find that P.A. never bites your tongue or parches your throat, no matter how often you stoke and smoke. Get on the sunny side of life with a pipe and P.A. Buy a tidy red tin today and make the personal test. Pipes were born for tobacco like this.

P. A. is sold everywhere in tidy red tins, pound and half-pound tin humidors, and pound crystal-glass humidors with sponge-moistener top. And always with every bit of bite and parch removed by the Prince Albert process.



## PRINCE ALBERT

—the national joy smoke!

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